Captcha

Are you a bot?

Evelyn says to James: "It's a beautiful day	, isn't it?"
Who is Evelyn talking to? (case sensitive)	

Intro_Consent

CONSENT FORM

DESCRIPTION: You are invited to participate in a research study in cognitive psychology. **As a participant in this study, you will read two short stories. Then, you will be asked a couple of questions about the content of this story.** All information collected will remain confidential.

RISKS AND BENEFITS: Risks involved in this study are the same as those normally associated with using a computer (e.g., mild eye/arm strain). If you have any pre-existing conditions that might make reading and completing a computer-based survey strenuous for you, you should probably elect to not participate in this study. If at any time during the study you feel unable to participate because you are experiencing strain, you may end your participation without penalty. We cannot and do not guarantee or promise that you will receive any benefits from this study. Your decision whether or not to participate in this study will not affect your employment/medical care/grades in school.

TIME INVOLVEMENT: Your participation in this experiment will take ca. 5 minutes.

PAYMENTS: In return for participating we will pay you \$0.9 in your MTurk account. . .

SUBJECT'S RIGHTS: If you have read this notice and have decided to participate in this project, please understand your participation is voluntary and you have the right to withdraw your consent or discontinue participation at any time without penalty or loss of benefits to which you are otherwise entitled. You have the right to refuse to answer particular questions. Your individual privacy will be maintained in all published and written data resulting from the study.

CONTACT INFORMATION: If you have any questions, concerns or complaints about this research study, its procedures, risks and benefits, you may contact the primary investigators by e-mailing Lara Kirfel @ucjulki@ucl.ac.uk.

INDEPENDENT CONTACT: If you are not satisfied with how this study is being conducted, or if you have any concerns, complaints, or general questions about the research or your rights as a participant, please contact Lara Kirfel @ucl.ac.uk.uk.

You may want to print a copy of this consent form to keep. By clicking the button below, you acknowledge that you have read the above information, that you are 18 years of age, or older and give your consent to participate in our internet-based study and consent for us to analyze the resulting data.

Thank you for your participation in this experiment!

As a reminder, in this experiment, you will read two short stories and answer a couple of questions about these short stories.

Each story comes in two parts. **Please read the stories carefully.** You will be asked a couple of comprehension questions about the first part of the story, and you will not be able to proceed with the study if these questions are answered incorrectly.

If you are ready, click on the button below to continue.

Hospital - ignorance externally caused.

Please imagine the following scenario:

(Part 1)

Dr Jones works as doctor in a local hospital. Dr Jones often administers her patients the blood-thinning drug "Heparine" in order to prevent thrombosis and blood clots. Normally, blood-thinning drugs do not cause any side effects with certain blood types.

The hospital has recently started to order an additional blood-thinning drug, "Afibo", that is cheaper than "Heparine". "Afibo" is as effective as "Heparine", but has one side effect. It causes mild leg cramps in patients with blood type 'AB-positive'.

The pharmacy manager has sent an e-mail with information about the new blood-thinning drug "Afibo" to all doctors in the hospital. The e-mail contains the information that the drug will cause mild leg cramps in patients with blood type 'AB-positive'.

The e-mail service provider of Dr Jones has recently upgraded its e-mail service. Because of an undetected bug in the upgrade, the e-mail filter settings for spam content have changed. Dr Jones checked her inbox, but she did not see the e-mail of the pharmacy manager because it was erroneously marked as spam and automatically deleted from the account.

As a result, **Dr Jones does not know that "Afibo"** causes mild leg cramps in patients with blood type 'AB-positive'.

Please answer the following questions:

The new blood-thinning drug "Afibo"...

Causes mild leg cramps in patients with blood type 'AB-positive'.

Causes mild sore throat in patients with blood type 'AB-positive'.

The e-mail of the pharmacy manager contains the information that ...

Afibo causes mild leg cramps in patients with blood type 'AB-positive'.

Afibo causes mild sore throat in patients with blood type 'AB-positive'.

Dr Jones did not read the e-mail ...

because the e-mail was erroneously marked as spam and automatically deleted.

because she decided not to read it.

Dr Jones .							
O knows	that "Afibo" cause	es side effe	ects in pati	ents with bl	ood type 'A	AB-positive'	
O does r positiv	not know that "Afib e'.	o" causes	side effect	s in patient	s with bloo	d type 'AB-	
(Part 2)							
that the pat	or Jones is treating tient has blood typ ses mild leg cram	e 'AB-posi	itive'. Dr Jo	nes does n	ot know th		
	dministers "Afibo" , but the patient a	·			•	he patient's	onset of
Please rate	how much you agre	e or disagr	ee with the	following sta	tement:		
		"Dr Jo	nes cause	ed the pation	ent's leg c	ramps."	
	Strongly Disag	ree			Strongl	y Agree	
	1	2	3	4	5	6	7
scenario yo	uestion is concern ou just read could wing text box, we	have gone	e differently	e down wha	nt could ha		
_	tient would not h					t ovaatly int	o the etructure
	er can be as shor wing example sen	_	s you want	, it does no	i need to II	i c zaciiy iili	o ine structure
"lf			, the	patient wo	uld not hav	e suffered	leg cramps."

Please rate h	ow much you agr	ee or disagr	ree with the	following sta	atement:			
	"Dr Jon	es could h	nave know	n that Afik	o causes	mild leg cr	amps."	
	Strongly Disag	gree			Strongly	y Agree		
	1	2	3	4	5	6	7	
Please indi	icate your tend	dency to th	ne followir	ng questio	n:			
"How bla	ameworthy is D	r Jones fo	or not know	ving that A	Afibo cause	es mild leg	cramps?"	
	Not at all			Completely				
	1	2	3	4	5	6	7	
Interim								
Thank your	for your parti	cipation s	o far.					
To continue	e with the next	scenario,	click the	button be	low.			

Hospital - ignorance self-caused.

Please imagine the following scenario:

(Part 1)

Dr Smith works as doctor in a local hospital. Dr Smith often administers her patients the blood-thinning drug "Sanguin" in order to prevent thrombosis and blood clots. Normally, blood-thinning drugs do not cause any side effects with certain blood types.

The hospital has recently started to order an additional blood-thinning drug, "Corus", that is cheaper than "Sanguin". "Corus" is as effective as "Sanguin", but has one side effect. It causes mild leg cramps in patients with blood type 'B-negative'

The pharmacy manager has sent an e-mail with information about the new blood-thinning drug "Corus" to all doctors in the hospital. The e-mail contains the information that the new drug will cause mild leg cramps in patients with blood type 'B-negative'.

The e-mail service provider of Dr Smith has recently upgraded its e-mail service. Because of the upgrade, the new interface looks more organised. Dr Smith checked her inbox and saw the e-mail of the pharmacy manager, but did not read it.

As a result, Dr Smith does not know that "Corus" causes mild leg cramps in patients with blood type 'B-negative.'

Please answer the following questions:

The new blood-thinning drug "Corus"...

ノ	causes	mild	leq	cramps	in	patients	with	blood	type	'B-negat	tive'.
			_			1			<i>J</i> I	0	

O causes mild sore throat in patients with blood type 'B-negative'.

The e-mail of the pharmacy manager contains t	he information that
O "Corus" causes mild leg cramps in patients O "Corus" causes mild sore throat in patients	
Dr Smith did not read the e-mail	
O because the e-mail was erroneously marked because she decided not to read it.	ed as spam and automatically deleted.
Dr Smith	
knows that "Corus" causes side effects in pdoes not know that "Corus" causes side effects in pnegative'.	
(Part 2)	
One day, Dr Smith is treating a patient. Checkin the patient has blood type 'B-negative'. Dr Smit "Corus" causes mild leg cramps in people with b	
Dr Smith administers "Corus" to that patient. Th thrombosis, but the patient also suffers from mil	
Please rate how much you agree or disagree with th	ne following statement:
"Dr Smith caus	ed the patient's leg cramps."
Strongly Disagree	Strongly Agree

1 2 3 4 5 6 7

Strongly Disagree					Strongly Agree						
		1	2	3	4	5	6	7			
			-	our thought e differently	s about how	the cour	se of events	in the			
					e down wha		ive gone dif	ferently so			
(Your answ of the follo				s you want	t; it does not	need to f	it exactly int	to the structu	ure		
'If				, the	e patient wo	uld not ha	ve suffered	leg cramps.	."		
									/		
Please rate	e how muc	h you agre	ee or disag	ree with the	e following sta	atement:					
	" "			41 4	_			,,			

"Dr Smith could have known that Corus causes mild leg cramps."

Strongly Disagree Strongly Agree

1 2 3 4 5 6 7

Please indicate your tendency to the following question:

"How blameworthy is Dr Smith for not knowing that Corus causes mild leg cramps?"

Not at all		Comp	letely			
1	2	3	4	5	6	7

Garden - ignorance not self-caused.

Please imagine the following scenario:

(Part 1)

Alex is a gardener in a local botanical garden and takes care of a very delicate type of rose, the *Bourbon rose*. Alex regularly fertilizes the roses with the fertilizer "Flora" in order to keep them healthy and alive. The botanical garden supplies all gardeners who work in the botanical garden with gardening tools, chemicals and fertilizer. Normally, fertilizers do not harm delicate roses.

The garden manager has recently started to order an additional fertilizer, "Splendor", that is cheaper than "Flora". "Splendor" is as effective as "Flora", but also has a negative effect. It harms delicate rose types such as the Bourbon rose.

The garden manager has sent an e-mail with information about the new fertilizer "Splendor" to all gardeners of the botanical garden. The e-mail contains the information that the new fertilizer will harm Bourbon roses.

The e-mail service provider of Alex has recently upgraded its e-mail service. Because of an undetected bug in the upgrade, the e-mail filter settings for spam content have changed. Alex checked his inbox, but he didn't see the e-mail of the garden manager because it was erroneously marked as spam and automatically deleted from the account.

As a result, Alex does not know that "Splendor" harms the Bourbon rose.

Please answer the following questions:

The new fertilizer "Splendor"...

harms the Bourbon rose.
harms tiger lilies.

The e-mail of the garden manager contains the information that the new fertilizer "Splendor"...

O harm	ns the Bourb	on rose.						
O harm	ns tiger lilies.							
Alex did	not read th	ne e-mail						
O beca	use the e-m	ail was err	oneously r	marked as s	spam and	automatica	lly deleted.	
O beca	use he deci	ded not to	read it.					
Alex								
O know	vs that the n	ew fertilize	r "Splendo	r" harms th	e Bourbor	n rose.		
O does	not know th	nat the new	/ fertilizer "	Splendor" ł	narms the	Bourbon ro	se.	
(Part 2)								
One day,	Alex takes	care of the	Bourbon r	oses in the	botanical	garden. Ale	ex does not	know that
the new f	ertilizer "Spl	endor" har	ms Bourbo	on roses.				
Alex fertil	izes the Bou	ırbon rose:	s with the f	ertilizer "Sp	olendor". A	s a result o	f the fertiliza	ation, the
Bourbon	roses die.							
Please rat	te how much .	you agree d	or disagree	with the follo	wing state	ment:		
			"Alex car	ised the B	ourbon re	ses to die	"	
			, work out				•	
	Strongl	y Disagree	;			Strongly A	gree	
		1	2	3	4	5	6	7

The next question is concerned with your thoughts about how the course of events in the scenario you just read could have gone differently.

	owing text box, we ourbon roses wo		-	e down wha	at could ha	ve gone dif	ferently so
•	wer can be as sho	_	as you want	t; it does no	t need to fi	t exactly int	o the structure
"If			, the	e Bourbon r	oses would	l not have o	lied."
							//
Please rat	e how much you ag	ree or disa	gree with the	e following st	tatement:		
	"Alex c	ould have	known th	at Splendo	r harms B	ourbon ros	ses."
	Strongly Disag	jree			Strongl	y Agree	
	1	2	3	4	5	6	7
Please inc	licate your tendency	' towards th	ne following (question:			
"How	blameworthy is	Alex for r	not knowin	g that Sple	endor harm	ns Bourbor	n roses?"
	Not at all				Comp	oletely	
	1	2	3	4	5	6	7
Garden -	- ignorance self	-caused					
Please ima	gine the following s	cenario:					
(Part 1)							

Bob is a gardener in a local botanical garden and takes care of a very delicate type of rose, the *China rose*. Bob regularly fertilizes the roses with the fertilizer "Vitax" in order to keep them healthy and alive. The botanical garden supplies all gardeners who work in the botanical garden with gardening tools, chemicals and fertilizer. Normally, fertilizers do not harm delicate roses.

The garden manager has recently started to order an additional fertilizer, "Nutrit", that is cheaper than "Vitax". "Nutrit" is as effective as "Vitax", but also has a negative effect. It harms delicate rose types such as the China rose.

The garden manager has sent an e-mail with information about the new fertilizer "Nutrit" to all gardeners of the botanical garden. The e-mail contains the information that the new fertilizer will harm China roses.

The e-mail service provider of Bob has recently upgraded its e-mail service. Because of the upgrade, the new interface looks more organised. Bob checked his inbox and saw the e-mail of the garden manager, but did not read it.

As a result, Bob does not know that "Nutrit" harms the China rose.

Please answer the following questions:
The new fertilizer "Nutrit"
O harms the China rose. O harms tulips.
The e-mail of the garden manager contains the information that the new fertilizer "Nutrit"
O harms the China rose. O harms tulips.
Bob did not read the email
O because the e-mail was erroneously marked as spam and automatically deleted. O because he decided not to read it.

Bob							
O knows that the new	fertilizer "Nutrit	" harms the	e China ros	se.			
O does not know that	the new fertilize	er "Nutrit" h	arms the C	China rose.			
(Part 2)							
One day, Bob takes care new fertilizer "Nutrit" har			botanical (garden. Bob	does not k	know that th	ne
Bob fertilizes the China roses die.	roses with the fe	ertilizer "Nเ	utrit". As a ı	esult of the	fertilization	n, the China	l
Please rate how much you	agree or disagre	ee with the i	following sta	tement:			
	"В	ob caused	I the China	roses to o	die."		
Strongly D	visagree			Strongly	/ Agree		
1	2	3	4	5	6	7	
The next question is cor	-			v the course	e of events	in the	
scenario you just read c	ould have gone	differently.					
In the following text box, that the China roses w			e down wha	at could hav	e gone diff	erently so	
(Your answer can be as	short or long as	s you want;	it does no	t need to fit	exactly into	o the struct	ure
of the following example	_				-		
"lf		, the	China rose	es would no	t have died	l. "	

		//

Please rate how much you agree or disagree with the following statement:

"Bob could have known that Nutrit harms China roses."

Strongly Disag		Strongl	y Agree			
1	2	3	4	5	6	7

Please indicate your tendency towards the following question:

"How blameworthy is Bob for not knowing that Nutrit harms China roses?"

Not at all				Comp	pletely		
1	2	3	4	5	6	7	

Bakery - ignorance not self-caused.

Please imagine the following scenario:

(Part 1)

Sandra is a baker who works for the local bakery in town. The bakery offers a variety of pastries, including nut allergy friendly cakes, muffins and cookies. Sandra uses flour of the brand "White Mill" when baking. The bakery provides all necessary baking products including flour. Normally, flour does not contain traces of nuts.

The bakery manager has recently started to order an additional flour brand, "Harvest", that is cheaper than "White Mill". "Harvest" is of the same quality as "White Mill", but differs in one aspect. It contains traces of walnuts.

The bakery manager has sent an e-mail information about the new flour brand "Harvest" to all bakers of the bakery. The e-mail contains the information that the new flour brand contains traces of walnuts.

The e-mail service provider of Sandra has recently upgraded its e-mail service. Because of an undetected bug in the upgrade, the e-mail filter settings for spam content have changed. Sandra checked her inbox, but she didn't see the e-mail of the bakery manager because it was erroneously marked as spam and automatically deleted from the account.

As a result, Sandra does not know that "Harvest" contains traces of walnuts.

Please answer the following questions:
The new flour of the brand "Harvest"
O contains traces of walnuts.
O contains traces of almonds.
The e-mail of the bakery manager contains the information that "Harvest"
O contains traces of walnuts.
O contains traces of almonds.
Sandra did not read the email
O because the e-mail was erroneously marked as spam and automatically deleted. O because she decided not to read it.

Sandra								
					traces of wa		uts.	
(Part 2)								
					endly cake f ntains trace			allergy.
Sandra u from an a			our for the	cake. As a	a result of u	sing this flo	our, the cust	omer suffers
Please rat	e how mu	ch you agre	e or disagr	ree with the	e following sta	atement:		
			"Sandra	caused t	he custom	er's allergi	c reaction.	,,
	Stror	ngly Disagr	ree			Strong	ly Agree	
		1	2	3	4	5	6	7
		is concerno ead could i			ts about ho	w the cours	se of events	in the
				-	te down wh		ve gone dif	ferently so
-		be as short ample sent	_	s you wan	t; it does no	ot need to fi	it exactly int	o the structure
"If				the custor	mer would r	not have su	ffered an al	lergic
reaction."								

								\neg
							/	
Please rate ho	ow much you agr	ee or disagr	ee with the	following sta	tement:			
	"Sandra co	uld have k	nown that	t Harvest c	ontains tra	aces of wa	Inuts."	
	Strongly Disag		Strongly	y Agree				
	1	2	3	4	5	6	7	
Please indica	ate your tendency	towards the	e following q	question:				
"How blam	neworthy is Sa	ndra for no	ot knowing	g that Harv	est contai	ns traces o	of walnuts?	••
	Not at all				Comp	letely		
	1	2	3	4	5	6	7	
Bakery - ig	norance self	-caused						
Please ima	gine the follov	ing scena	ario:					
(Part 1)								
pastries, ind the brand "0	aker who work cluding nut allo Green Farms" cluding flour. N	ergy friend when bal	dly cakes, king. The	muffins a bakery pro	nd cookie ovides all	s. Anne u necessary	ses flour o	

The bakery manager has recently started to order an additional flour brand, "Homestead", that is cheaper than "Green Farms". "Homestead" is of the same quality as "Green Farms", but differs in one aspect. It contains traces of hazelnuts.

The bakery manager has sent an e-mail with information about the new flour brand "Homestead" to all bakers of the bakery. The e-mail contains the information that the new flour brand contains traces of hazelnuts.

The e-mail service provider of Anne has recently upgraded its e-mail service. Because of the upgrade, the new interface looks more organised. Anne checked her inbox and saw the e-mail of the bakery manager, but did not read it.

As a result, Anne does not know that "Homestead" contains traces of hazelnuts. Please answer the following questions: The new flour of the brand "Homestead" ... O contains traces of hazelnuts. O contains traces of pistachios. The e-mail of the bakery manager contains the information that "Homestead" ... O contains traces of hazelnuts. O contains traces of pistachios. Anne did not read the email... O because the e-mail was erroneously marked as spam and automatically deleted. O because she decided not to read it. Anne ... O knows that the new flour "Homestead" contains traces of hazelnuts.

O does not know that the new flour "Homestead" contains traces of hazelnuts.

1	D	9	rt)
ı	Г	a	ΙL	 - 1

One day, Anne wants to bake an nut allergy friendly cake for a customer with nut allergy. Anne does not know that the "Homestead" flour contains traces of hazelnuts.

Anne uses the "Homestead" flour for the cake. As a result of using this flour, the customer suffers from an allergic reaction.

Please rate how much you agree or disagree with the following statement:

"Anne caused the customer's allergic reaction."

St	Strongly Disagree							
	1	2	3	4	5	6	7	
The next question	on is concer	ned with yo	our thoughts	s about hov	v the cours	se of events	in the	
scenario you jus	st read could	have gone	e differently	<i>'</i> .				
In the following	text box, we	would like	you to write	e down wha	at could ha	ve gone dif	ferently so	
that the custon	ner would no	ot have su	ffered an a	allergic rea	ction.			
(Your answer ca	an be as sho	rt or long a	s you want	; it does no	t need to fi	it exactly int	to the structu	re
of the following	example ser	itence.)						
"If		,	the custom	ner would n	ot have su	ffered an al	llergic	
reaction."								
								7

Please rate how much you agree or disagree with the following statement:

"Anne could have known that Homestead contains traces of hazelnuts."

	1	2	3	4	5	6	7
Please indicate yo	our tendency to	wards the fo	llowing ques	stion:			
"How blan	neworthy is A		ot knowing hazelnuts		estead cor	tains trace	s of
	Not at all				Complete	ely	
	1	2	3	4	5	6	7
Demographics	5						
What is your aç	ge?						
What is your ge	ender?						
Male		Female		N.A.		Non-bii	nary
End							

Please comment if you had any issues with the survey.

Then click on the arrow to receive your payment code.

Strongly Agree

Strongly Disagree

Povered bay/metriceode is "ignorance78608"